

IN THE CLAIMS

Please amend claims 3, 8, 9, 10 and 13 by this amendment and newly add claims 21 and 22 by this amendment as follows:

1 1. (Previously Amended) A method of operating a computer by a remote controller, the
2 method comprising:

3 pressing a button on the remote controller;

4 transmitting a first security code stored in the remote controller to the computer;

5 checking whether a second security code stored within the computer is the same as the
6 first security code; and

7 automatically converting an operation mode of the computer from a non-normal, non-
8 power off mode into a normal mode when the first security code is the same as the second
9 security code.

2 2. (Canceled)

1 3.(Currently Amended) The method of claim 1, the ~~input device~~ remote controller being
2 a wireless remote controller.

1 4. (Previously Amended) The method of claim 1, wherein a shell program inside the
2 computer is adapted to perform the checking step.

5. (Canceled)

6. (Canceled)

1 7. (Previously Amended) The method of claim 1, wherein said computer comprises an
2 operating system (OS) program to perform said checking step.

1 8. (Currently Amended) The method of claim 1, wherein the computer is in a standby
2 mode immediately prior to said conversion to said normal state, said standby mode being a
3 power saving state where an amount of power delivered to the computer is less than normal but
4 greater than zero, said standby mode being said non-normal, non-power off mode.

1 9. (Currently Amended) The method of claim 3, wherein the computer is in a screen
2 saver mode immediately prior to said conversion to said normal mode, said screen saver mode
3 being said non normal non power off mode.

1 10.(Currently Amended) A method for automatically verifying a security code of a multi-
2 user computer via one of a plurality of cordless remote controllers, the method comprising the
3 steps of:

4 operating a remote control device, the remote control device being one of said plurality

5 of remote controllers, one of said plurality of remote controllers to turn on and boot said
6 computer;

7 waiting a predetermined period of time for said computer to lapse into a stand-by mode;
8 pushing a button on one of said plurality of remote controllers to attempt to bring said
9 computer to a normal mode;

10 transmitting a password to said computer from said remote control device that attempted
11 to bring said computer back to a normal mode;

12 determining whether the remote controller used to attempt to bring said computer to a
13 normal mode is the same remote control device that booted said computer;

14 bringing said computer back to a normal mode if said remote control device used to
15 bring the computer back to a normal mode is the same remote control device used to boot the
16 computer; and

17 rebooting said computer and repeating all of the above steps if the remote control device
18 used to bring said computer to a normal mode is different from the remote control device used
19 to boot the computer.

1 11. (Original) The method of claim 10, further comprising the steps of:

2 transmitting to said computer from said one of said plurality of remote controllers a
3 password unique to said remote controller when said computer is booted;
4 saving said password of said remote controller to disk in said computer for future use;
5 and

6 comparing a password transmitted to said computer by said remote controller that is
7 attempting to resume said computer to a normal mode with said password stored in said disk
8 to determine whether the remote controller used to attempt to resume said computer to a normal
9 mode is the same remote controller used to boot said computer.

1 12. (Original) The method of claim 11, wherein the multi-user computer includes a
2 plurality of save-to-disk storage areas for each one of said plurality of remote controllers.

1 13. (Currently Amended) A computer being operated by a remote control device, ~~said~~
2 ~~remote control device transmitting security information to said computer to activate said~~
3 ~~computer, said computer comprising:~~

4 a remote control signal receiver for receiving signals from said remote control device;
5 a shell program for handling and transmitting said received signals from said remote
6 control device; and

7 a general purpose input/output unit connected between said receiver and said shell
8 program to facilitate communication therebetween, the remote control device being configured
9 to automatically transmit security information to the computer upon actuation of any key on said
10 remote control device.

1 14. (Original) The computer of claim 13, said computer comprising a hierarchical
2 structure comprised of:

3 a hardware layer comprising said general purpose input/output unit and said receiver;
4 a basic input output system layer attached to said hardware layer;
5 an operating system layer connected to said basic input/output system layer; said
6 operating system layer comprising an operating system program that receives input from said
7 shell program regarding security information and determines whether security information input
8 by said remote device matches a security code stored in said computer; and
9 an application layer that comprises said shell program.

1 15. (Original) The computer of claim 13, wherein said remote control signal receiver
2 comprises a microprocessor for controlling the overall operation of the computer.

1 16. (Original) A method for resuming normal operation of a computer when a computer
2 is in a standby mode, said method comprising the steps of:
3 determining whether or not there has been any input to said computer for a
4 predetermined period of time;
5 performing a screen save function;
6 switching said computer from a normal operation mode into a standby state;
7 pushing a button on a remote wireless device;
8 transmitting security data from said remote device to said computer;
9 checking whether the security data transmitted from said remote wireless device matches
10 security data stored within said computer; and

11 reviving said computer from said standby mode to a normal operation mode if said
12 security data input from said remote wireless device matches said security data stored within
13 said computer.

1 17. (Original) The method of claim 16, further comprising the step of operating said
2 computer from said remote wireless device after said computer is restored to said normal
3 operation mode.

1 18. (Original) The method of claim 17, further comprising the step of displaying a
2 prompt requesting security code data to be input to said computer.

1 19. (Previously Presented) The method of claim 3, further comprising determining
2 whether the input device is a wireless remote controller or not and requiring manual input of
3 the first security code only when said input device is not said wireless remote controller.

1 20. (Previously Presented) The method of claim 3, further comprising determining
2 whether the input device is a wireless remote controller or not and automatically transmitting
3 said first security code to said computer when said input device is said wireless remote
4 controller and when just one button has been pressed on said wireless remote controller.

1 21. (New) The method of claim 1, the remote controller being a hand held remote

2 controller.

1 22. (New) The method of claim 1, the remote controller being a wireless hand held
2 remote controller.